

Streptavidin-HRP DATA SHEET

Product Name: Streptavidin-HRP

Cat. No: BS4030-005

Description: Streptavidin is a 53 kDa homotetramer isolated from *Streptomyces avidinii*. Because of its strong non-covalent interaction with biotin, streptavidin can be used to detect and isolate biotinylated proteins. Streptavidin-HRP is useful for detecting biotinylated antibodies

Form: Liquid

Concentration: 1 mg/mL

Components: 500 μ L

Conjugation: Conjugation of horseradish peroxidase (HRP) to streptavidin is obtained by cross linking the amine groups on streptavidin with oxidation of carbohydrate side chains of HRP.

Tested applications: WB, ELISA, IHC

Application: Western Blotting (WB, 1:5000-10000) , ELISA (1:5000-10000), IHC (500-5000). Optimal working dilution for a specific application should be determined by the investigator.

Storage buffer: Phosphate Buffered Saline containing 40% glycerol and 0.01% ProClin 300, pH7.4.

Storage instructions: shipped at -20°C . Upon delivery aliquot and store at -20°C or -80°C . Avoid repeated freeze/thaw cycles.